

A clean copy of the amended claims is included below. A marked up copy of the entire set of claims is included in Appendix A.

1 ~~1. (Amended) A broadband cellular network device, comprising~~
2 a base station control unit adapted to control the distribution of asynchronous
3 transfer mode cellular traffic consisting of asynchronous transfer mode cells,
4 an asynchronous transfer mode controller connected to and being controlled by
5 said base station control unit, and
6 an asynchronous transfer mode switching means connected to and being
7 controlled by said asynchronous transfer mode controller and adapted to switch
8 ~~asynchronous transfer mode cellular traffic.~~

B1
Cont. 1 2. (Amended) A device according to claim 1, wherein said base station
2 control unit provides either of a software, hardware or mixed software/hardware
3 implementation of base station controller functions and comprises an asynchronous
4 transfer mode controller instruction means adapted to instruct the asynchronous
5 transfer mode controller.

1 3. (Amended) A device according to claim 1, wherein the asynchronous
2 transfer mode controller is arranged to provide an interface for converting commands
3 issued by the base station controller unit into commands causing switching actions of
4 the asynchronous transfer mode switching means.

1 ~~4. (Amended) A device according to claim 3, wherein the asynchronous~~
2 ~~transfer mode controller is adapted to employ asynchronous transfer mode based~~
3 ~~signalling and to provide control commands for controlling connecting hardware of the~~
4 ~~asynchronous transfer mode switching means.~~

Sub D2
B1
Cond.
1 ~~5. (Twice Amended) Device according to claim 3, wherein the~~
2 asynchronous transfer mode controller is arranged to comprise at least two functional
3 layers, one of the functional layers being a cellular network related upper layer
4 adapted to perform cellular network related functions, and one of the functional layers
5 being an asynchronous transfer mode related lower layer adapted to perform
6 ~~asynchronous transfer mode switching means related functions.~~

4
1 6. (Amended) Device according to claim 5, wherein the lower functional
2 layer of the asynchronous transfer mode controller is arranged to control the switching
3 hardware of the asynchronous transfer mode switching means.

Sub D3
1 ~~7. (Amended) Device according to claim 3, wherein the asynchronous~~
2 transfer mode controller is adapted to be a General Switch Management Protocol
3 (GSMP) controller, and wherein the asynchronous transfer mode switching means is
4 ~~adapted to support said General Switch Management Protocol.~~